

Executive Summary

The City of San Diego's Storm Water Pollution Prevention Program (Storm Water Program) hereby submits the City of San Diego's Urban Runoff Management Program Plan (Urban Runoff Management Plan), adopted by the San Diego City Council on January 28, 2002. This Urban Runoff Management Plan is a total account of how the City plans to protect and improve the water quality of rivers, bays and the ocean in the region. This document also explains how the City intends to comply with Order No. 2001-01, NPDES Permit No. CAS0108758, Water Discharge Requirements for

Mission Statement:

“Protect and improve the water quality of rivers, bays and the ocean for the citizens of San Diego and future generations by eliminating and reducing pollutants in urban runoff and storm water in an efficient, effective and professional manner as part of a high-performing team through public education, employee training, watershed collaboration, field testing, investigations, enforcement, regional programs and coordination.”

Discharges of Urban Runoff From Municipal Separate Storm Sewer Systems Draining Watersheds of the County of San Diego, The Incorporated Cities of San Diego County and The San Diego Unified Port District (hereinafter referred to as “Municipal Permit”), issued by the California Regional Water Quality Control Board, San Diego Region. The Municipal Permit was

issued on February 21, 2001 and has a five-year life. The effective implementation date for this document and all of its requirements by the City of San Diego is February 21, 2002.

This Urban Runoff Management Plan has been developed and formatted as a user-friendly tool to guide City employees in implementing the storm water activities required of their department, and instructs department managers on activity, budget and reporting requirements. For this reason, the City's Urban Runoff Management Plan is divided into three chapters, Program Framework, Storm Water Best Management Practices, and Planning & Development.

Chapter One, Program Framework, contains eight components which detail how the City will conduct its public participation, education, enforcement of storm water ordinances, water quality monitoring, inventories, watershed planning, program assessment, and fiscal analysis. Chapter Two, Storm Water Best Management Practices, describes in six components, and 15 municipal facilities sub-components, the best management practices the City currently implements or will implement to address municipal facilities, household hazardous waste program, City-owned leased properties, non-emergency fire fighting, commercial and industrial uses, and existing residential uses. Lastly, Chapter Three, Planning & Development, addresses four components describing how the City incorporates storm water best management practices into land-

use planning, development review and permitting, City capital improvement program (CIP) project planning and design, and the execution of construction contracts.

To assist in cross-referencing the Municipal Permit's requirements, a table at the beginning of each Urban Runoff Management Plan component lists which component sections addresses individual or multiple Municipal Permit sections. Additionally, Table ES-1, "Location of Submittal Requirements in Urban Runoff Management Plan," beginning on page ES-3, provides a similarly designed cross-reference listing of where the Municipal Permit's individual submittal requirements (Section H.1) are met in the Urban Runoff Management Plan.

In addition to this Urban Runoff Management Plan, the City of San Diego submits under separate cover via the County of San Diego, a stand-alone model Standard Urban Storm Water Mitigation Plan (SUSMP) document meeting the requirements of Section F.1.b(2) of the Municipal Permit. The Storm Water Program led the 10-month development of the Model SUSMP, facilitating document construction with the other Copermittees under the Municipal Permit, and workshopping the document through the City of San Diego's Clean Water Task Force. The Clean Water Task Force, comprised of elected officials from the City of San Diego, County of San Diego, Port of San Diego and environmental, business and educational institutions, provided monthly input to Storm Water Program staff regarding the Model SUSMP. The City of San Diego will implement, and submit to the Regional Board, a jurisdictional SUSMP and amended ordinances, prepared consistent with the model SUSMP, within 180 days of the approval of the model SUSMP by the Regional Board.

The Storm Water Program will submit a Jurisdictional Urban Runoff Management Program Annual Report documenting the total activities undertaken by the City to comply with the requirements of the Municipal Permit. The City will also share those activities that, in the City's judgment, will result in a significant improvement to the region's recreational waters but are not requirements of the permit. The Annual Report will provide a comprehensive description, accounting and assessment of all such activities undertaken by the City. In addition to the Jurisdictional Urban Runoff Management Program Annual Report, the Storm Water Program will submit annual Receiving Waters Monitoring Reports, and annual Watershed Urban Runoff Management Program Reports to the Regional Board beginning in January 31, 2003, and January 31, 2004, respectively.

Conclusion & Recommendations:

The City's Storm Water Program is committed to its mission to ***protect and improve the water quality of rivers, bays and the ocean*** through the implementation of this Urban Runoff Management Plan. The City recognizes that it faces several significant challenges in implementing this program because of its size, the need to obtain new revenue sources to implement all the activities identified with this program, and relatively new concepts that this program requires the City and its constituents to

embrace. To overcome these challenges the Storm Water Program has established an implementation strategy that most efficiently obtain its goals. This strategy includes focusing efforts on moving the entire City forward on all fronts toward improving water quality. Emphasis will be put on education, integrated implementation of storm water BMPs for new development and existing development, and inspection and enforcement at all facilities and areas of the City. The Storm Water Program is shifting its activities towards a watershed approach and this effort will eventually result in more prioritizing of efforts into specific areas of concern.

Table ES-1. Location of Submittal Requirements in Urban Runoff Management Plan.

URMP Component		Municipal Permit Submittal Requirement (Section H)
		(1) Construction Component
3.4	Construction Contracts	(a) Which pollution prevention methods will be required for implementation, and how and where they will be required
3.2	Development Review & Permitting	(b) Updated grading ordinances
3.2 3.3 3.4	Development Review & Permitting, CIP Project Planning & Design, Construction Contracts	(c) A description of the modified construction and grading approval process
3.2 3.3 3.4	Development Review & Permitting, CIP Project Planning & Design, Construction Contracts	(d) Updated construction and grading project requirements in local grading and construction permits
1.5	Inventories	(e) A completed watershed-based inventory of all construction sites
1.5 3.4	Inventories Construction Contracts	(f) A completed prioritization of all construction sites based on threat to water quality
3.4	Construction Contracts	(g) Which BMPs will be implemented, or required to be implemented, for each priority category
3.2 3.3 3.4	Development Review & Permitting, CIP Project Planning & Design, Construction Contracts	(h) How BMPs will be implemented, or required to be implemented, for each priority category
3.4	Construction Contracts	(i) Planned inspection frequencies for each priority category
3.4	Construction Contracts	(j) Methods for inspection
1.3 3.4	Enforcement of Storm Water Ordinance, Construction Contracts	(k) A description of enforcement mechanisms and how they will be used
1.3 3.4	Enforcement of Storm Water Ordinance, Construction Contracts	(l) A description of how non-compliant sites will be identified and the process for notifying the SDRWQCB, including a list of current non-compliant sites
3.4	Construction Contracts	(m) A description of the construction education program and how it will be implemented
		(2) Municipal (Existing Development) Component
2.1 2.2	Municipal Facilities Operations and Management, Household Hazardous Waste Program	(a) Which pollution prevention methods will be required for implementation, and how and where they will be required

URMP Component		Municipal Permit Submittal Requirement (Section H)
1.5	Inventories	(b) A completed watershed-based inventory of all municipal land use areas and activities
1.5	Inventories	(c) A completed prioritization of all municipal areas and activities based on threat to water quality
2.1.1 to 2.1.15 2.2	Municipal Facilities Operations and Management components, Household Hazardous Waste Program	(d) Which BMPs will be implemented, or required to be implemented, for each priority category
2.1.1 to 2.1.15 2.2	Municipal Facilities Operations and Management components, Household Hazardous Waste Program	(e) How BMPs will be implemented, or required to be implemented, for each priority category
2.1.1 to 2.1.15 2.2	Municipal Facilities Operations and Management components, Household Hazardous Waste Program	(f) Municipal maintenance activities and schedules
2.1.5	Landscape Activities and Recreational Facilities	(g) Management strategy for pesticides, herbicides, and fertilizer use.
2.1.1 to 2.1.15 2.2	Municipal Facilities Operations and Management components, Household Hazardous Waste Program	(h) Planned inspection frequencies for the high priority facilities
2.1.1 to 2.1.15	Municipal Facilities Operations and Management components	(i) Methods for inspection
1.3	Enforcement of Storm Water Ordinance	(j) A description of enforcement mechanisms and how they will be used
		(3) Industrial (Existing Development) Component
2.5	Industrial & Commercial Uses	(a) Which pollution prevention methods will be required for implementation, and how and where they will be required
1.5	Inventories	(b) A completed watershed-based inventory of all industrial sites
1.5	Inventories	(c) A completed prioritization of all industrial sites based on threat to water quality
2.5	Industrial & Commercial Uses	(d) Which BMPs will be implemented, or required to be implemented, for each priority category
2.5	Industrial & Commercial Uses	(e) How BMPs will be implemented, or required to be implemented, for each priority category
1.4	Water Quality Monitoring	(f) A description of the monitoring program to be conducted, or required to be conducted

URMP Component		Municipal Permit Submittal Requirement (Section H)
2.5	Industrial & Commercial Uses	(g) Planned inspection frequencies for each priority category
2.5	Industrial & Commercial Uses	(h) Methods for inspection
1.3	Enforcement of Storm Water Ordinance	(i) A description of enforcement mechanisms and how they will be used
1.3 2.5	Enforcement of Storm Water Ordinance, Industrial & Commercial Uses	(j) A description of how non-compliant sites will be identified and the process for notifying the SDRWQCB, including a list of current non-compliant sites
		(4) Commercial (Existing Development) Component
2.5	Industrial & Commercial Uses	(a) Which pollution prevention methods will be required for implementation, and how and where they will be required
1.5	Inventories	(b) A completed watershed-based inventory of high priority commercial sites
2.5	Industrial & Commercial Uses	(c) Which BMPs will be implemented, or required to be implemented, for high priority sites
2.5	Industrial & Commercial Uses	(d) How BMPs will be implemented, or required to be implemented, for high priority sites
2.5	Industrial & Commercial Uses	(e) Planned inspection frequencies for high priority sites
2.5	Industrial & Commercial Uses	(f) Methods for inspection
1.3	Enforcement of Storm Water Ordinance	(g) A description of enforcement mechanisms and how they will be used
		(5) Residential (Existing Development) Component
2.6	Residential Uses	(a) Which pollution prevention methods will be encouraged for implementation, and how and where they will be encouraged
1.5	Inventories	(b) A completed inventory of high priority residential areas and activities
2.6	Residential Uses	(c) Which BMPs will be implemented, or required to be implemented, for high priority areas and activities
2.6	Residential Uses	(d) How BMPs will be implemented, or required to be implemented, for high priority areas and activities
1.3	Enforcement of Storm Water Ordinance	(e) A description of enforcement mechanisms and how they will be used
		(6) Education Component
1.2 Ch. 1 Ch. 2 Ch. 3	Education, Selected Chapter 1, 2 & 3 components	(a) A description of the content, form, and underlying strategy of the of education efforts
		(7) Illicit Discharges Detection and Elimination Component
1.4	Water Quality Monitoring	(a) A description of the program to actively seek and eliminate illicit discharges and
1.4	Water Quality Monitoring	(b) A description of dry weather analytical monitoring to be conducted to detect illicit discharges and connections (see Attachment E)

URMP Component		Municipal Permit Submittal Requirement (Section H)
1.3 1.4 2.1.6	Enforcement of Storm Water Ordinance, Water Quality Monitoring, Metropolitan Wastewater Collection	(c) A description of investigation and inspection procedures to follow-up on dry weather analytical monitoring results or other information which indicate potential for illicit discharges and connections
1.3 1.4	Enforcement of Storm Water Ordinance, Water Quality Monitoring	(d) A description of procedures to eliminate detected illicit discharges and connections
1.3	Enforcement of Storm Water Ordinance	(e) A description of enforcement mechanisms and how they will be used
2.1.6 2.1.7	Metropolitan Wastewater Collection, Metropolitan Wastewater Operations	(f) A description of methods to prevent, respond to, contain, and clean up all sewage(including spills from private laterals and failing septic systems) and other spills in order to prevent entrance into the MS4
1.1 2.1.6 2.1.7	Public Participation, Municipal Wastewater Collection, Metropolitan Wastewater Operations	(g) A description of the mechanism to receive notification of spills from private laterals
1.1 2.1.6 2.1.7	Public Participation, Municipal Wastewater Collection, Metropolitan Wastewater Operations	(h) A description of efforts to facilitate public reporting of illicit discharges and connections, including a public hotline
2.2	Household Hazardous Waste Program	(i) A description of efforts to facilitate proper disposal of used oil and other toxic materials
2.1.6	Municipal Wastewater Collection	(j) A description of controls and measures to be implemented to limit infiltration of seepage from sanitary sewers to MS4s
2.1.6 2.1.7	Municipal Wastewater Collection, Metropolitan Wastewater Operations	(k) A description of routine preventive maintenance activities on the sanitary system (where applicable) and the MS4
		(8) Public Participation Component
1.1	Public Participation	(a) A description of how public participation will be included in the implementation of the Jurisdictional URMP
		(9) Assessment of Jurisdictional URMP Effectiveness Component
1.7	Program Assessment	(a) A description of strategies to be used for assessing the long-term effectiveness of the individual Jurisdictional URMP
		(10) Fiscal Analysis Component
1.8	Fiscal Analysis	(a) A description of the strategy to be used to conduct a fiscal analysis of the urban runoff management program
		(11) Land-Use Planning for New Development and Redevelopment Component
3.1	Land Use Planning	(a) Workplan for inclusion in General Plan (or equivalent plan) of water quality and watershed protection principles and policies
3.2 3.3 3.4	Development Review & Permitting, City CIP Project Planning & Design, Construction Contracts	(b) Development project requirements in local development permits

URMP Component		Municipal Permit Submittal Requirement (Section H)
ES 3.2	Executive Summary, Development Review & Permitting	(c) Participation efforts conducted in the development of the Model SUSMP
3.2	Development Review & Permitting	(d) Environmental review processes revisions
3.1 3.2 3.3 3.4	Land Use Planning, Development Review & Permitting, City CIP Project Planning & Design, Construction Contracts	(e) A description of the planning education program and how it will be implemented
		(12) Fire Fighting
2.4	Non-Emergency Fire Fighting	(a) A description of a program to reduce pollutants from non-emergency fire fighting flows identified by the Copermittee to be significant sources of pollutants